R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008

200 International Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

Date:	Project No.:
2 Nov 2010	557-14

Attention: Mr. Cuyler Feagles (cmf@portlandmaine.gov)

Re: Concrete Testing
Terminal Enhancement, Portland Int. Jetport
Portland, Maine

City of Portland, Portand Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
67313	30
67314	30
67317	30
67318	30
67321	30
67322	30
67325	30
67326	30

Remarks:

Copy To:
Roy Williams: rsw@portlandmaine.gov
Jim Stanislaski: jim_stanislaski@gensler.com
Cliff Takara: clifford_takara@gensler.com
Lacey Fogg: Lacey.Fogg@amec.com
Mike Fusco: mfusco@tcco.com
Shaun Winner: swinner@tcco.com
Phil Coleman: pcoleman@tcco.com
Elizabeth O'Toole: eotoole@tcco.com
TMM@portlandmaine.gov
ldobson@portlandmaine.gov
rdixon@tcco.com
gemitchell@tcco.com
Remi Delcourt (remi@auburnconcrete.com)
Jeff Evans, Amec (jeff.evans@amec.com)

Signed: Bertha Dawn

If enclosures are not as noted, kindly notify us at once.

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Cloudy
Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: 2nd level slab on deck 3-2
Test Cylinder Location: See attached sketch

Date Cylinders Cast: 02-Oct-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3500 lightweight
Max Agg. Size: 3/8

Date Report Issued: NOV 0 2 2010

4x8 Cylinders	4	Cast by	Marco C Stone	Time	
Load No.	2	Slump (in) ASTM C 143	9.5	Batched @	7:00
Ticket No.	177413	Air (°F)	55	Arrived @	--
Truck No.	97	Concrete (°F) ASTM C 1064	73	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.0		

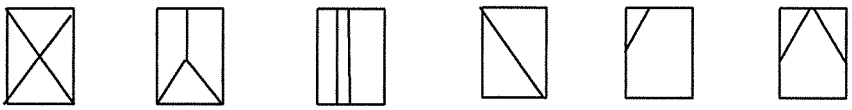
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
Date received 04-Oct-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67312	11-Oct-10	4.009	12.62	9	41,920	3320	2
67313	01-Nov-10	4.015	12.66	30	52,920	4180	2
67314	01-Nov-10	4.015	12.66	30	54,320	4290	5
67315	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	177412	116	10	--	--	--	--	--
3	177414	76	10	--	--	--	--	--
4	177415	98	10	--	--	--	--	--
5	177416	82	10	--	--	--	--	--
6	177417	86	10	--	--	--	--	--
7	177418	116	10	--	--	--	--	--

Remarks: 19 Total Loads
Unit weight 125.80 pcf
Curing Temperatures: Max =74°, Min = 45°

Checked by: Don C Mennucci
For Matthew T. Grady, Manager of MTS

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Cloudy
Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: 2nd level slab on deck 3-2
Test Cylinder Location: See attached sketch

Date Cylinders Cast: 02-Oct-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3500 lightweight
Max Agg. Size: 3/8

Date Report Issued: NOV 0 2 2010

4x8 Cylinders	4	Cast by	Marco C Stone	Time	
Load No.	8	Slump (in) ASTM C 143	6	Batched @	8:46
Ticket No.	177419	Air (°F)	64	Arrived @	--
Truck No.	97	Concrete (°F) ASTM C 1064	73	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	4.0		

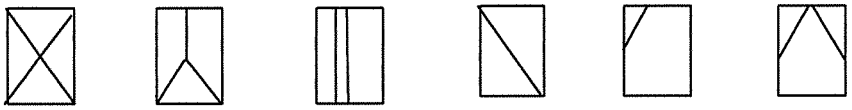
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
Date received 04-Oct-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67316	11-Oct-10	4.009	12.62	9	48,780	3870	2
67317	01-Nov-10	4.015	12.66	30	60,340	4770	5
67318	01-Nov-10	4.015	12.66	30	54,340	4290	5
67319	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
9	177420	76	10	--	--	--	--	--
10	177422	98	10	--	--	--	--	--

Remarks: 19 Total Loads
Unit weight 126.20 pcf
Curing Temperatures: Max =74°, Min = 45°

Checked by: _____
FOR Matthew T. Grady, Manager of MTS

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Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: 2nd level slab on deck 3-2
Test Cylinder Location: See attached sketch

Date Cylinders Cast: 02-Oct-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3500 lightweight
Max Agg. Size: 3/8

Date Report Issued: NOV 0 2 2010

4x8 Cylinders	4	Cast by	Marco C Stone	Time	
Load No.	11	Slump (in) ASTM C 143	8	Batched @	10:17
Ticket No.	177423	Air (°F)	70	Arrived @	--
Truck No.	84	Concrete (°F) ASTM C 1064	73	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.75		

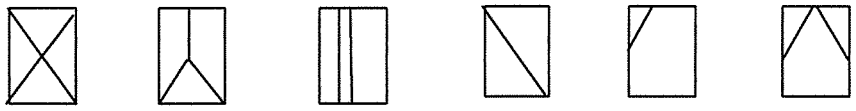
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
Date received 04-Oct-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67320	11-Oct-10	4.009	12.62	9	46,220	3660	2
67321	01-Nov-10	4.015	12.66	30	62,000	4900	2
67322	01-Nov-10	4.015	12.66	30	59,600	4710	2
67323	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
12	177424	86	10	--	--	--	--	--
13	177425	99	10	--	--	--	--	--
14	177426	116	10	--	--	--	--	--
15	177427	97	10	--	--	--	--	--

Remarks: 19 Total Loads
Unit weight 125.20 pcf
Curing Temperatures: Max =74°, Min = 45°

Checked by: Don Chauncey
FOR Matthew T. Grady, Manager of MTS

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Date Cylinders Cast: 02-Oct-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3500 lightweight
Max Agg. Size: 3/8

Date Report Issued: NOV 0 2 2010

4x8 Cylinders	4	Cast by	Marco C Stone	Time	
Load No.	16	Slump (in) ASTM C 143	8	Batched @	10:54
Ticket No.	177428	Air (°F)	72	Arrived @	--
Truck No.	76	Concrete (°F) ASTM C 1064	73	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.0		

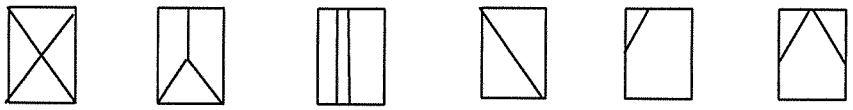
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
Date received 04-Oct-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67324	11-Oct-10	4.009	12.62	9	49,520	3920	2
67325	01-Nov-10	4.015	12.66	30	58,160	4590	5
67326	01-Nov-10	4.015	12.66	30	59,940	4735	2
67327	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks

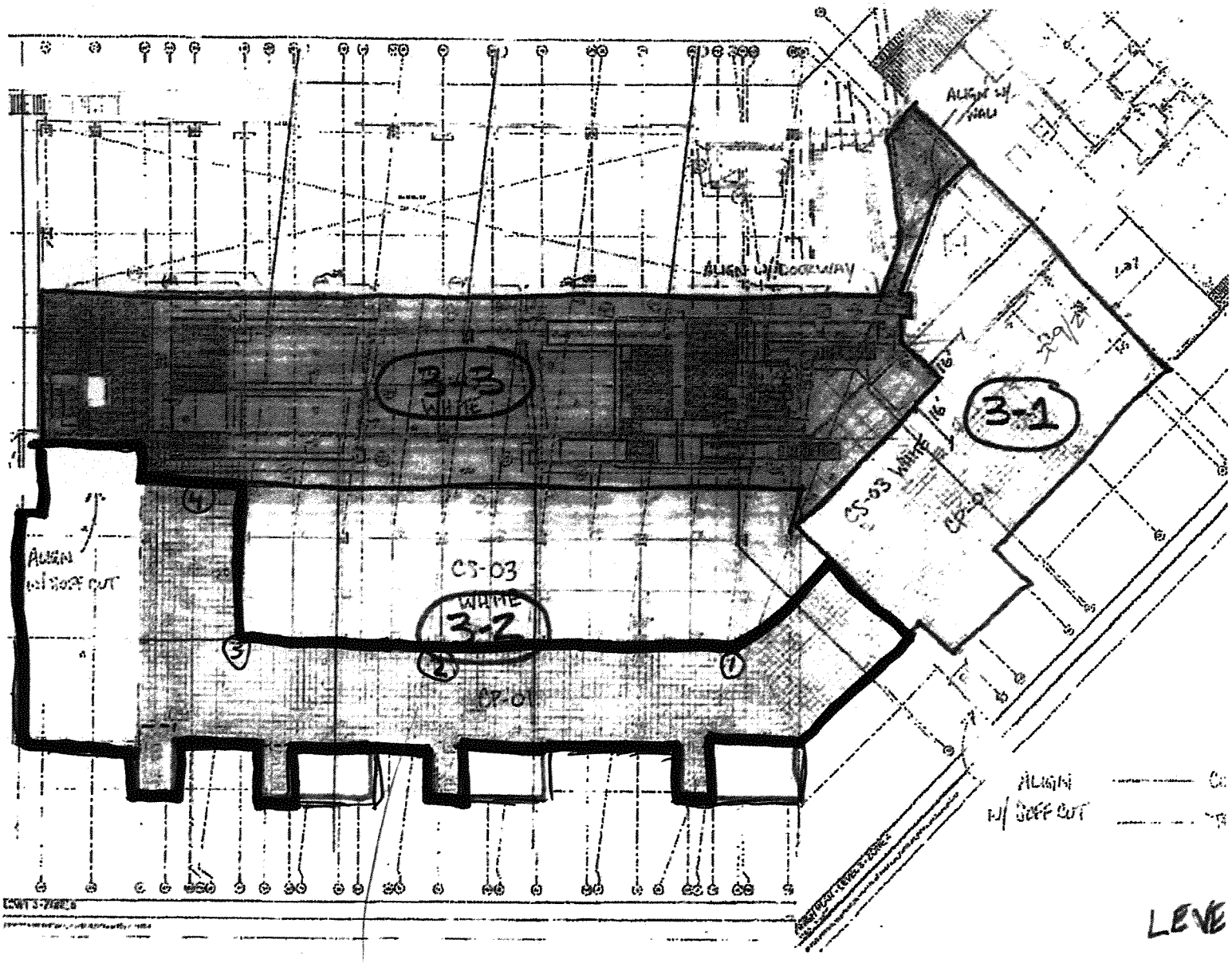


Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
17	177429	98	10	--	--	--	--	--
18	177430	84	10	--	--	--	--	--
19	177431	86	10	--	--	--	--	--

Remarks: 19 Total Loads
Unit weight 126.80 pcf
Curing Temperatures: Max =74°, Min = 45°

Checked by: Dan Chauncey
FOR Matthew T. Grady, Manager of MTS



CONCRETE PLACEMENT
-SLAB ON DECK

TERMINAL ENHANCEMENT AT
THE PORTLAND JETPORT
#557-14
MCS
OCTOBER 2, 2010